<u>**AMENDMENTS TO THE CLAIMS:**</u>

This listing of claims will replace all prior versions, and listings, of claims in the application:

<u>**LISTING OF CLAIMS:**</u>

Claims 1 to 8 (Canceled)

9. (New) A method for electronically signing a message in a cellular phone, comprising:

generating an electronic fingerprint from the message to be signed, in a personal computer;

transmitting the electronic fingerprint from the personal computer via a communications network to the cellular phone having a signing device;

signing the received electronic fingerprint in the cellular phone; and

transmitting the signed electronic fingerprint from the cellular phone to the personal computer.

10. (New) The method of claim 9, further comprising:

storing a secret key in the cellular phone; and

storing a public key assigned to the secret key in the personal computer,

wherein the electronic fingerprint is signed using the secret key in the cellular phone and is then transmitted to the personal computer, and the signed electronic fingerprint is converted using the public key into an unencrypted electronic fingerprint which is compared to the electronic fingerprint generated from the message to be signed.

11. (New) The method of claim 10, wherein the electronic fingerprint is generated in accordance with a hash function from the message to be signed.

12. (New) The method of claim 9, wherein the electronic fingerprints are transmitted between the cellular phone and the personal computer using one of a Short Message Service (SMS), e-mail and Wireless Application Protocol (WAP) service.

13. (New) A communication system for electronically signing, comprising:

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at least one personal computer linkable to a communications network;

at least one cellular phone assigned to the communications network;

wherein the personal computer includes a device for generating an electronic fingerprint from a message to be signed, and a transmitting/receiving device for transmitting the electronic fingerprint to any cellular phone; wherein the cellular phone includes a receiving device for receiving an electronic fingerprint transmitted by the personal computer via the communications network, a signing device for signing the received electronic fingerprint, and a transmitting device for transmitting the signed electronic fingerprint to the personal computer.

14. (New) The communication system of claim 13, wherein the cellular phone includes a memory for storing a secret key, and the personal computer includes a first memory for storing a public key assigned to the secret key, a device for converting a received, signed electronic fingerprint using the public key and a comparator for comparing the converted electronic fingerprint to the electronic fingerprint generated from the message to be signed.

15. (New) The communication system of claim 13, wherein the personal computer includes a second memory for storing software which enables the personal computer to communicate with the cellular phone.

16. (New) The communication system of claim 13, further comprising:

a third memory for storing the call numbers of at least one cellular phone and/or a target device; and

an automatic dial device for automatically dialing at least one of the cellular phone and a target device.

WHAT IS CLAIMED IS: